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**From:** Jones, Nick [nick.jones@ncdenr.gov]  
**Sent:** 6/22/2017 1:01:03 PM  
**To:** Buckley, Timothy [Buckley.Timothy@epa.gov]; Johnson, Chris [chris.johnson@ncdenr.gov]; Allenbach, Becky [Allenbach.Becky@epa.gov]; Strynar, Mark [Strynar.Mark@epa.gov]; Medina-Vera, Myriam [Medina-Vera.Myriam@epa.gov]; Karoly, Cyndi [cyndi.karoly@ncdenr.gov]; Culpepper, Linda [linda.culpepper@ncdenr.gov]; Lindstrom, Andrew [Lindstrom.Andrew@epa.gov]; Perez, Helen I [helen.perez@ncdenr.gov]; Satterwhite, Dana [dana.satterwhite@ncdenr.gov]; Brantley, Mark [mark.brantley@ncdenr.gov]; King, Morella s [morella.sanchez-king@ncdenr.gov]  
**Subject:** RE: Wilmington GenX Sampling/Analysis

Also, in attendance for NC DEQ was Morella King, Nick Jones, and that Mark ? is Mark Brantley.

Regards,

Nick Jones  
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**From:** Buckley, Timothy [mailto:Buckley.Timothy@epa.gov]  
**Sent:** Thursday, June 22, 2017 8:31 AM  
**To:** Johnson, Chris <chris.johnson@ncdenr.gov>; Allenbach, Becky <Allenbach.Becky@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>; Karoly, Cyndi <cyndi.karoly@ncdenr.gov>; Culpepper, Linda <linda.culpepper@ncdenr.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Jones, Nick <nick.jones@ncdenr.gov>; Perez, Helen I <helen.perez@ncdenr.gov>; Satterwhite, Dana <dana.satterwhite@ncdenr.gov>  
**Subject:** Wilmington GenX Sampling/Analysis

Thank you all for participating in Tuesday's call intended to coordinate efforts and facilitate communication with respect to water sampling/analysis in Wilmington. My notes from the meeting are below. If correction or clarification is needed, please "respond all".

Attendees

- NC DEQ: Chris Johnson (POC); Dana Satterwhite; Mark ?; Helen Perez

- Region 4: Scott Sivertsen
- EPA/ORD/NERL: Tim Buckley; Mark Strynar; Myriam Medina-Vera; Andy Lindstrom

The agenda for discussion included the following:

1. What question are we attempting to address with this sampling effort?
2. What is the sampling design?
3. What is the status and timeline of the QAPP?
4. Given split sample analysis (contract lab and NERL lab), how will differences in reported concentrations be managed?
5. What is the plan for communicating results and who has the lead?
6. What is the project timeline?
7. Do we need on-going coordination meetings?

Action items / notes include:

- Chris Johnson was identified as the POC for NC DEQ.
- The primary question to be addressed by the sampling is whether GenX concentrations have decreased since concentrations reported in Sun et al. 2016 paper from samples taken in 2013.
- Some aspects of the sampling design were described: sampling will be conducted of source and finished drinking water as well as source effluent. Linda Culpepper was identified as the person responsible for the sampling plan who can provide additional detail
- Sampling began Monday 19 June and is planned to continue for three more weeks. Approximately 50 samples are expected to be collected. Split samples will be sent to RTP and contract lab Test America in Colorado
- Mark Strynar indicated that he can turn-around samples in 1-2 weeks.
- The QAPP is being developed by Linda Culpepper of NC DEQ but she was not on the call to describe status.
- The list of target analytes has yet to be determined. There is interest in chemicals related to GenX production. It was suggested that the analyte list be determined by consensus among NC DEQ, R4, and EPA-RTP.
- The need for blanks and spike samples were discussed. It was suggested that spike samples be in the concentration range of 70 ng/L.
- The contract laboratory conducting analysis is Test America in Colorado. Mark Strynar is going to contact the lab to obtain analysis method.
- Communications plan has not been developed; NC DEQ has the lead
- Samples will be delivered in batches. NC DEQ will deliver samples to RTP.
- Tim Buckley agreed to set up weekly meetings for planning and coordination
- Mark Strynar and Tim Buckley will be visiting R4 Athens lab 6/26 & 27 to provide tech transfer on GenX analysis

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